

Class name : SY CSE(IOT)

Rollno : 2007

Urn no : 1022101007

Batch : S1

EXPERIMENT 9

Create Pandas Series and DataFrame from various inputs

CODE:-

```
import pandas as pd
lst = [10,20,30,40,50,60,70,80,90,100]
d = {
    's1' : [1,2,3,4],
    's2' : [5,6,7,8],
    's3' : [9,10,11,12]
}
se = pd.Series(lst)
df = pd.DataFrame(d)
print("Series using list : ")
print(se)
print("Data Frame using Dictnary:")
print(df)
```

OUTPUT:-

```
import pandas as pd
lst = [10,20,30,40,50,60,70,80,90,100]
d = {
    's1' : [1,2,3,4],
    's2' : [5,6,7,8],
    's3' : [9,10,11,12]
}
se = pd.Series(lst)
df = pd.DataFrame(d)
print("Series using list : ")
print(se)
print("Data Frame using Dictnary:")
print(df)

Series using list :
0    10
1    20
2    30
3    40
4    50
5    60
6    70
7    80
8    90
9   100
dtype: int64
Data Frame using Dictnary:
   s1  s2  s3
0    1   5   9
1    2   6  10
2    3   7  11
3    4   8  12
```